Aviation ews



New Republic Giant: This XF-12, huge high-speed, long-range photo reconnaissance plane, was unweiled today at the Republic plant in Farmingdale, N. Y. With a span of 128 ft. 2 in. and a length of 98 ft. 9 in. the XF-12 is powered by Pratt & Whitney Wasp Majors which have been equipped with turbo exhausts through which Republic engineers hope to recover up to one-third of original engine output. The firm's forthcoming Rainbow transport will be based on this ship. (Story on Page 10.)

Research Legislation Changes Please Industry

Looking Back At 1945: A Production Review

N. Y. Feeder Line Will Develop Own Airport

Research Costs Rising As Production Declines

Aircraft stocks Indorsed; Low Valuation Cited

ATA Polishing Air Policy Brief for Congress

Navy's new long-range bomber



This is the "Privateer," sea-voice sister of the Army's Liberator. Like so many other Navy and Army planes, it has American Hammered Paton Rings. Because of the efficient chrome plating process used by this Koppers division, the armed forces were able to reduce their aircraft puston ring requirements by millions of rings. The Porus-Krome (Van der Horst process) wearing surface doubled and redoubled piston ring life and tripled cylinder life.



Repfine with Conl Ter Pitch



Bur WCTQEY EQNDS and keen them?

KOPPERS COMPANY, INC.

KOPPERS DISCONSTRUCTION OR STRUCT AND RESIDENT

THE AVIATION NEWS

Washington Observer

Washington that Charles A. Lindbergh is being

bucked by cortain birth AAF officers at Assistant Secre-

new of Was for all His excellent address as succes-Acro Club dinner caused considerable speculation in tion News, Dec. 26). Opposed to Lindbergh for the

post are those who consuad that his retiring nature

would not make hern the good contact man on Capitol

Hill that the underscretary would have to be. Even

pressure which industry will exert on the sproint-

SURPLUS REORGANIZATION -- It now seems

PERSONNEL CHANGES...When this between

SPA Administrator Squart J. Symington appears sketed to be named Federal Lean Administrator, which will

make hum the RFC hoss, but an RFC shoen of surplus

now Quagreenisser General, is reported in line for the chalemanishe of WAC, which would per him in

AVIATION NEWS . December 31, 1945

fertion to WAC electrones, is believed to have submirred his resignation. James A. Gorfield, deputy director for sircraft of RPC, named as his resironsion

FLC STRENGTHENED - Foreign disposal will continue perside the covered of the WAC remaining under the Foreign Liquidation Cornecission of the Street Department, However, FLC's hand will be properhennel us it will be sale achieve of order men-While gives a free rais, FLC will still report back to RFC, recognitive because of the connection between

in the surplus property disposal organization, and very (D., Ark.), a member of the House Interstate and sone. War Assets Corp., which was set up on paper Foreign Commerce committee has warped that govern November, is expected to make its formal debut this corner if this country permits self-interest to control week. Almost immediately theorafore, it is nepdicted in dealine with perplexing transportation problems." that WAC will be apparented from RPC made an independent agency, and absorb the Surplus Property Adpointing saward revision in national transportation

> Sensor War Investigation Committee, sheed for insucorrelative the accessive of an accreasive accepts re-Hugh Mitchell (D., Wosh.) who heads up the comkelidarion to emblish a National Air Policy Board

complete charge of all phases of the surplus peoblem. Sees H. Henbusck on REC director and original so. the post-wire period.

> The de Harvillerid Hotmes, 470-reph long-range British Aghter. WASHINGTON OBSERVER -- 3



on your aviation schedule

Antalisa sarvan net junt non, er bro, but all four of the industry's beying in Homeson Manufacturing an Homeson Manufacturing and Distriction Manufacturing and Distriction. For these four functions are introduced and the second of each of these four fact of the second of each of these four full your manufacturing and the produced in the second and the sec

actistics selling,—whether to the selfing weights market, the sit tests in the port americal, or self-action and production of the present allowed. The Brescardees, dealgreen, engineers and production amounties are concerned use only with the halfaling of addragues not components that the said distribution of their products after there have the factory, Conaire and the contract of the con-

gineers and distributors exert strong ledinance on the designing and engenering of the planes they THIS BOOKLET CLEARS THE AIR

A grade to the fundamental marketing requirements of aviation. Write for your copy today, it's FREE.



will later self and service. Throughout all the freezioned activation and inference of the content of the conte

Two and destinations of the control of the control

THE PHOTOS

Volume 4, Number 23

AVIATION NEWS

Advections Index
As Shooses, Inc. 6th new Actions of the Community Security Community Community

News at Deadline

Airwerthiness

recommend to moverhimmen regenerated for non-transport or
personal planes, the new cred us
regulation part 1.03 was ammed by
CAD lists last werk following
magaths of confinemen between
technical regulations between
technical vegoustrateries of infrasyzenian Moot smoothing parts of
the new regulations were made
public in advance by the beard
hast August (AVAZONO Slowe calhast August (AVAZONO Slowe calmattaining of stelling moothing or
strating of stelling moothing or
strating of stelling moothing or
strating of stelling moothing

and Allam (Avadeous control enmination of whelling speed recriments and revision of rate and nucle of them requirements and nucle of them requirements craft are set at at 3.5 for some analysis aske places, 3.5 for some and aske places, 3.5 for some analysis aske places and at 3.5 for some fire acceptance and a secondary and for acceptance and a secondary and for acceptance and a secondary and askers, hooling database, rube of some acceptance and a secondary and a secondary static speed, takend since, hooling static speed, takend since, the speed of the secondary static speed of the static speed of the secondary static speed of the secondary speed of the secondary speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the secondary speed of the speed of the secondary speed of the sec

Revised 8-29

Advence models of the 11-30 superforters will be postlessed by Bourng in lurated quantities for the ASF durate the central price. Official designation of the exist will be the 8-8-8. It will be powered by four Freil & Watter, Cardial designation of the wind proceed by four Freil & Watter, Cardial designation revenies through proceed by four Freil & Watter, Cardial designation revenies that the power than the control of the process of the

10,000 Ercoupes Mext Year Engineering & Research Corp.

the core of potential the special to special to the core of the co



Kasser Cargo, Iee., is sugleng for a Newy contract for its Hollon-Gapter. This
at the indicepter developed during the time Stanley Hiller, It., was under Kasser
specescolity, and which was returned by Kasser when he and Hiller pasted
Hiller now heads United Helicoptem, law.

memorial frames a missionity in order to the receive the pure of the puring one of the puring of the

Manafeans of the experienced New transport X[L-1 at Calumbia, Amend in opposed large and it probably will for March belien it is campelled agree and it is capable for the campel of the second of

levens on that pro-pathed, pospeller spilled fighter.

**Prompiles has delivered to the AAP a second XB-02A "Meanaster." First
profession model was the victim of an unfortunate accident outside of Washsaging silver having set a speed record of 5 has 17 m/o for the CaliforniaWickingston flight.

Eccus (NOOM) heaty of by Deeples and Storing plants removed by Army crossne pending many Newsy are directives. It is understood that at a Sorthern Calfereian Newsy are field a last model Center or being modeled doubtuilty for a Los Angelies or San Diego Weiningen sight. All arrantoms in and in have been removed and added find heath meating for a near-opp rate. A Arm's control new used attempts to shall be will not be made even a fire

and not to the part of the state of the stat

wine:

Altes P. Adians & Associates, charles controlects, of Lee Angeles, not are parted to have employed for Library Bers. New York backing form, a de trailed worly of United States authors and a few-pare forecast of me transport made.

Included the control of the Control of

most by more banded into the spender patients of streetly far transported for transported to street. Several negative plans have been experted statemen in the soles and on a streetment that a storber of travel larges, twen as in taking the proposed at the sole of the street, and the sole of the street of the street, and the street of the street of the street, and the street of the street of the street of the street, and the street of the street o

Revision of Research Legislation Eases Industry's Patent Worries

Drastic changes in pending Senate measure believed to fore shadow speedier enscenent of proposal to establish National Science Foundation.

By WILLIAM KROGER

greatly eased aircraft industry

stery Affred Committee has insalt of testimony heard on S. 1298. spennared by Sen. Harley M. Kalsore (D., W Vs.), and S 1255, by Warren Marrison (D

b Final Report-It is hoped that a will follow shortly. The Military if the House-superved HB, 5446 by Ben Andrew May (D. Ky.) calling for a national security re-

National Science Foundation to

erally-financed research and these the time that with the Govern-

motoris in effect. the original bill The revision climinates the sec-P.Exception-However, there is an traft industry as it in effect, re-

meertant exception made. Thus

tains the present arrangement Publications on The commonwise



Thu Chases Vaucht XTRU-1 See Welf torneis bomber was been my



lish sa a private individual his own Publication of scientific reports.

Air Industry's Job Cited by Woodhead

The alreraft measure in the military, commercial and provide

other two in ferms of national so-> Problems - Woodboard namend out

try to approximately 10 per cent

Convey Place - Consolidated positive steps to eliminate certain ment with The Aviation Corp. to

Continuation of mess produc-

efficiencies applicable in many in-Confident-"Despite many immediate pressing problems,"

Poor Planes Hindered Nazi 'churists craft was a maner cause of the

Woodhend said. "The aircraft in-certain physical laws provides

tellurore officer of the North

Weatherman Uses Training

opened a new door to advances

He is working on a theory that

be charted and used to product

b Theory-Formation of a long-

In Gliders on Forceasts

declared "When a Benard cell is

Vogelback Named Director Of FLC Aviation Division WIRson Roward Vertellack has been appointed director of

Vogelback's new duties are in

orpted in December. He succeeds president of the Union Gas & from 1942-45 on the WPB as a consulting industrial engages on trained Renard cell" over the lake arreset production and was at

AVIATION NEWS . December 2) 1009

Reconverting Aircraft Industry

Believed Past Low-Water Mark Falling from world's largest to 15th or 16th in nation in seven months, it has cutback problems behind it and faces program of re-expansion.

The U.S. average industry, after to have a value of about \$547 --\$50,000. This will require the em-

Today it is the 15th or 14th ranking industry in the country, \$55-2.141 military, 160 trans-

since VE-Day it contracted even feater than it had to expend in b Trunsperton-Sinustian in 1945 of Countellation, curnot get undor-

LOOKING BACK AT 1949

tion is estimated at 47,000 arm Cuttorks made possible by reready in swing early in 1945. The

I Slash-in one day. August 14, pay and June 31, 1944. All of valued at \$9,000,000,000, calling for 31.000 amplanes, most to have been delivered as 1946. In two weeks, 450,000 persons were brought employment to what is

believed to be the bottom of a The industria's 1845 production

No XB-42 Engine Failure Allugg's Washington representa-

Allison Engineers Find

pose in offensig on aircraft is norther feb nor fewl, and Pending insuance of the efficial had generally been ascribed to

Bee in CAA Bonnet

Prietred glader described in

to apply for certification on an

firms up to the time of enrise

stoppings. Since possibility of four avagnetoe stooping within five of approximately 1,500 military no complete ignition feifure. The permental and development work

N.Y.U. Course Emphasizes Air Education Trend A course in spatied aerodycana

in to be offered during the spring cutes that an extensive develop-The course will be given by Adjunct Prof. Balob H Uppon In dealing with this subject in

Republic Reconnaissance Craft, Rainbow Prototype, is Unveiled

Four-engine flying photo laboratory, built to march fighter plane performance, uses Wasp Majorz with exhaust tuebines designed to recover up to one-third of original output.

> and higher engine efficiency. Although performance figures

it has been announced that the

better than 400 mph. at 60,000 ft

hurbly angualous duties the XF:

gress of the XF-12 and its

parcent. He said that with a

Revublic Aviation's latest mili- premise of greater fuel economy craft, is being readed for flight the company amounted today, derivation, the 4000-righ-plus

to Paw Warp Maper engines terrent 16-ft. 2-m. Curtes fourblade propellers, st as stated that speeds consparable to wartime

"Compound Engine" - Back onprovide for the installation of compound angine" exhaust turnal horsepower of each angine (AVIATION NEWS, Nov. 12). The deal of study to this principle

Conservation Parrol To Use Plane

According to David H. Wallace, State currently is negotiating for recording appropriate of the Tube, marchant of the of them

Purchase of the place, which pected of silegal operations, was O'Currer, Maryland's ser-maded

Roosevelt Field, N. Y. and the

by the American Airlines and

rentmed with streits yet a 200-mob, too speed and a lend will be \$,500 lbs own lent to 1,000 Fee with 40 per-

or two are," he said. "During the proved in November, 1944 And even while we've been building the XF-12, both Republic and the AAF Need Constant-Phy reported thing to remember about this plane," continued Mr. Marchev.

AVIATION CALENDAR

Tarrita Air Enson. 742-55E Assus | Meding, Book-Codi: at Rate: Daniel Mich. he Betti, Lervit, Mich.
10-50—Carried (Oblin Adresali Bow.
10-61—bir/bwell Justice Francis,
Crotel Birst Bott, Italia.
13—Hittigide of Advantance Leronau
Rooms Mich. House Westernberg, 29-48 - Sarkhale of Assessative Person

"Fixing whote laboratory": The new Republic XF-12. Type of the forthcowing Rumbow transport, the XFhigh-speed, about reconstanting plane, on the line 12's engine nacriles each are at lirge or a 2'-47 (and at the company's plant at Pararragiale, N. Y. Proto-lage to allow installation of "companie engages." emerging of ATSC at Wront tenon carrier planes. We'll still

Designation Credit for design of of engineering at Republic, who also designed the P-47 Thunderbolt. Parst of many AAF officers

Eisenbower Aide Joins TWA As Vice-President





One hundred 45-passenger

seegers and laggage

AVIATION NEWS . December 31, 1965

Blohm & Voes Was Due for Larger Role The German firm of Highm & data was useful to other firms

Unified States and British was muttee (TDC), ably surveys the

is was able to branch quickly and

was occupied primarily to work b Pried Apriliant-A feature of St willing to try alread anythered might fighter was ordered only with two of the engines on the Shipheldier Firm - American down in selvence by almost any establishment and tradition, yet many sound appearing projects



Firsts Durabell: This exclusive stortch of a proposes German "simiproject), developed on paper only, toos estended to corry the pelot in because, their officials tald m-

nee. The company was heridan more substarrious than any other and other vessels and marvis

b Hors Flying Best-Under the or-

b Hurb-akinade Fielder The NV.

Officials of B & V told Wes-

SPECIAL AIR SERVICES

block-to-block speed With com-

New York State Feeder Line Will Develope Own Airport

Robieson Airlines, operating from Ithaca to Teterboro, N. L. has two F-24's and two Cessons with two eight-passenger Beechcrafts on order: Cornell may build at field.

Bhaco-Cornell airport at Bhaco, engine plane in service, and Nov. N. Y. to serve as the home bear for Robinson Autires, intrastet: >Traffic Study-A study of pos-carrier operated by C S Robin-sengers carried during the first seven months, through October, 1945, shows a total of 738 nac-First stage of development colls or other reasons since the audine for an operations building and his been entirely a contact flight operation), and 295 passengers ramp and one 2,900-ft, runway on 50 acres now held, with options nametion to 500 agree as this be-

90-ft strip, with two turk straps est month thus far from standount 110-ft, wide administ. Two Miles when 18 passengers cramated in Pressure Barding - Schoner

recte and steel administration

While Robinson is a consistent



Robleson Airlines Departure: Passengers board a Robinson Airlines Cesses at Ithora, N. Y., for New York. By mext June the Robinson or-

AVIATION NEWS & December 51 1945

his home town and eventually April with two Pairchild F-24 four-passenger planes. Oct. 8 be AVIATION NEWS + December 81, 1945

comes recognity. The raw field

will be about five rules from

desertions Pibaca, and about 2% voles from Cornell University

Flahrenity Plans - Carrently Ithorn has a grail sirport about 2% rules from downlown, where until opening of the new Seld Dean S. C. Hallister, of the Cornel contemplates constructing enga-

the new airport, for use of the university's graduate school of Retenson, a votoran provate for-

mounts for accoraft hastroments

coiled that his daily commutant

Daily Flights Begun by Oregon Line Using two four-place converted

tend to Eugene is made twoce More Pleases-Ward reports three philips aircraft along the Wille-

Arizona Airways, Inc., Has Extensive Plans

Fremded in 1942 to operate a at \$1,000,000, of which \$350,000 in leaders, together with a small ma-> Franchise-A franchise has been

sources, mani and express between Phoenix, Globe, Safferd, Clifton, tions are on file with the Ariona step at Air. Also, TWA has transunreasiste certificate to operate bemen. Actrons. and Boulder City. Union Bus Denet.

heed Seturn two-engined 14-pas-

Easton, Md., Airport To Be Licensed Soon

ramonal its Washington-Easton nother and first and let. In ad-FTemperary License - On this Renne, effective January 1. If Fearmare, director of the commu-

Busline Operating Service in Louisisma

Southern Airlines has been or-

made in mid-December. At Mon- the CATS found that Montgeal is roe, tackets are being sold at the sufficiently large to allow another

Baltimore Men Plan Charter Base

Plans to use the foreser Curtisscargo sirlage, so well so to convert surplus mulitary transport planes

ed \$290.911, and have engaged > Facilities-The 264-acre all-soil Marvingd Arrignes, which had to One of those will be used by the

State Aviation Communication re- charter work They also a number Hutchesson and his doughter Janet, a former WASP. The comsengers, general enego, refrigergreat the field a temporary Class . The Kauron were surposeful hid chase it, when Curtan-Wright de-

Charter Line Licensed

To Operate From Montreal ing passengers and goods, from

the Ocene is any large sitting terrainal. The aircraft are the new Douglas DC-6 and the Lockheed Constellation "49" - bringing to the commercial sirlines new standards in passenger comfort-featuring the Curuss Automatic Sendtronitee for quinter, starelified engine control and Cursiss Aerodynamic

CURTISS ELECTRICS

for the DC-6 and CONSTELLATION "49"

AVIATION NEWS . December 31, 1945 A Division of Cotton Which! Commercial Sec.

Brakung by precess thoug for shorter, smoother landsore



PRODUCTION

Industry Faces Rise in Cost Of Research As Output Drops

Breech, Bendix president, warms that continued U. S. aviation progress depends largely on careful control of all firmicial

factors to most reconversion and development problems. The aviation industry, gaing into while about three times the pre-

tion redustry in 1846 will be en-

Breech points out that total 1946 aircraft production is expected to

approximately sax percent of peak industry's first full peacetime year. | Bendix Pleas - Breech empha-

policy, but government, unfustry value received to keep our air American sircraft industry."

in 1939, will not be sufficient.

a considerable derroe by our abil-

'Take Home' Pay Cut

industry, housing total awerrag to a report issued by the Burenu of Labor Statistics engine manufacturing dropped

earnight of workers in Septersber, 1944 Scotember were slightly (0.1 percent) above September, ____ sound that in the wake of termina-

will be enormees. According to "The American public is pre-



NEW FLYING BOAT FOR EMPIRE ROUTES The new four-record Sondroscher, built at Short free's Sundayland pured plans, the Sondropolana and

AVIATION NEWS a December 31 1965

SPA Report Details Breech said, they are broadening Magnesium Cut

the development and manufacture a pro-year 1,000 tens arresally to of radio and radar equipment for 54,000 tons during the way, and will slide back to between 4 fee to 14,800 tons during the nost-war to speed the progress of arreste. Property Administration's report flying with plans for production of to Comment on marnedism plant more efficient and occromical

directal The estimate of post-war consumption is prefitated on a wife-



flight and nevogation instruments

SUPERSONIC WING EXPERIMENT: This exclusive about shours the German four-jet P-152, in which using to mississue loss of left due to shock wome at supersonic spends. sugles to the longitudinal grir of the appliant. R & V assumed that if board stars. Whether the common una side to recen any merat for plones a year SDA and it cookapplication of alloy steel, wood *Becommendation-SPA recen-

mended that six engreements parity of 127,000 tons anyually ville and Luckey, Ohlo, and Cathey be kept whelly or partially in duction be kept convertible to

magnesium on \$0-day notice, 39.000 torn annually, there is no express marnesses facilities for SPA recommended that seven posed of an quickly as possible for

other purposes. These plants, with a total caracity of 160,000 toos Mich.: Las Vegas and Gibbs, Nev.; Aurin, Tex.; Cirlsbed, N. Mex.; 5-Year Aircraft Supply

Kept On Hand By RCAF Perlament by Air Minister Colle

cost \$93,866,000 a year to keep up men operating in ten syndrongsquedren in addition. Carado

Division of Robot Research Scored

Rolds, president of the Na-Association recently that the Nant Madels-In Germany, he

use within two years. He fore-

was distributed to the helders of

Linused Aircraft Plywood Pot on Sole by RFC A total of 1,250,000 so ft. of

be sold to one crate.

m mx meeths, and had already

_____ Cord Buys Control of Chicago Firm

appeared recently with disclosure trol of the Chicago Electric Man-

the Aviation Corp. In 1935, me-

ticcanasty represented on the

AVIATION NEWS a December 31, 1969

surplus areraft hardwood plywood, urused and in good condi-Standard range of worth and The supply, located in the RFC and purchase offers must be sub-In a recent Civil Aeronautica mitted by that date Minimum

Ryan Surveying Civilian Markets Military program will be curried over, affording expanding

basis for new operations. Evan Acconsutical officials are

Other Products Manufacture of

controlled American Agrinou New-While looking toward the comas the largest individual stockcountry which continued on an reports showed here as owning *Labor Cuthack--Hyan has read-

> hoving gone from burking small numbers of relatively simple pri-

> Converir Announces Dividend

bend has announced. Actum on ferred pending decision on a plan



THE greatest all-ourpose anow and ice tire (10,000 in a large-size tire). There's no lumpibuilt for sixcesft is the Goodyese Ice Grip ness, no homoiness: the time roll smoothly tire. So pilots report after thousands of war and postwar fights under Arctic conditions.

landing - for embedded in the rubber tread are thousands of rist, bigh sensite steel springs

on concrete or other navement because the coil springs are solidly molded into the rubher. They won't tear out and buller through There's better control on ice or on snow. your wings or fusclage. packed runways when your plane is equipped Further, Ice-Grip tires give added traction on with Ice-Grips. Thousands of strong claws slippery turf ronways. bite into the ice as the Ice-Grip tipe makes its

These multiple advantages make Goodyest Ice-Grips the choice for airliners whose flights cover several climate zones. They contribute importantly to safety and confidence. Ice-Grips are an outstanding type in the great

Goodyear line of sixplane tites. FOR ADDITIONAL ASSURANCE, YOUR OR Goodyear Maltiple or Single Disc Beaker. Manufacturers, Airilne Operators. Distributors, Dealers, and Private FIVERS DEPEND ON GOODTEAR for-THE . TIMES . MINTELS . MAKES . MECHANI

HOSE . BEDEAUGH HOSE . NECESSARY PACKING · GWEELS · CHALRES · THE PWES · DOCTE · DESARGUA SANTE . FUO: AMO DE CRES . STREETS VALUE . DECEMB ACCURTS . AM. FOAR CUDECISING - MADVER - MADVON -PLIGFOAK + INDENSIC PIESS PAGE + MOLEGO PURSUE PRODUCTS - KEGGARD PROPERTY BOOTE





PERSONNEL

Harwood Named Head Of Gillies Aviation Corp.

greed advancetion in Region 1, to read livery in

Three Washington mee, all for-merely with the War Freduction Alfred W. Lowis Allen C. Bookin and John H. Evens all were farmer-

Charles C. Martin has been appointed a vice president of Rheom. forward area, his returned to Rail-I. D. Frenda has been appointed truffe manager for Pon American

S. B. Smith who his been frame Mater J. Krith Davis (photo) has



Mai Louis Miller of Lock Haven, san. He was recently discharged for PCA Stephens has been with and ATC

Carabianca Before the war he was

Col. Mike Marphy has returned to

Capt. Ray W. Wells has been ansigned to handle special phases of bendparters in Dublin, Capt. Chf. ford V. Abbook, until recently a mis-

Barmond W. Tewksbury (photo) TWA'S CCD-

tral region, succeeding A. B. Thempou, who re-cently was assigned to TWA's cen-tract perion at Kunan City.

became the new president of the Eayment, chief engineer at Frank Bruston has been named

Airlines System Bruston was in the mable relations section of E. O. Marran has been named Los. way Airlines He has been with American seven years in both oper-

E. Steedures has been named all negotive gentern. He later nerved Washington regional traffic manager on co-ordinator between the airlines ANTAMION NESSES . Thrombon 21 1045

destrict traffic manager in Norfolk



V. C. Scharlegager Two Plane Firms

Make Appointments V. C. Scharlemener becomes vice-

remarked recently, Schoolsunger, Datable S. Greater has been up-

ton. N. J. Prior to located Line combe, Grabbs was with United Status Steel Corn. as scalit superyear He conducted suchs of all records of subsidiary companies in Edward S. Sullivan (photo) has



DANTON ORIO - INCANADA TALIADI ELECTRIC CANADA ETD. CEST ME ONTARO

AVIATION NEWS a December 31, 1965



FINANCIAL

Survey Indorses Aircraft Stocks. Citing Undervalued Position

Mondy's analyses nine communies on basis of current orders and future possibilities; preference for Lockheed and Doug-

las indicated in consideration of large backlogs. The undervalued sention of ur- 000,000. It is estimated that this for 1946 and 1947. Replacements.

qualifications, projects 1946 carnrecalled that on October 9. Aviabetween then existing market > Preference-Among the company dur but in addition property.

military contracts of about \$990 --

was favored. Mirriin was placed on the list since its "202" may loses Bepublic was accorded mendations for the above com-

comparies. The most pertinent ▶ Baeing-"Although Beerng had > Consolidated Veftee-"Although the shares at this time . . . we be-

ders or new military models." authorate that these shares will Grumman-"We restant the com-

b Lackberd-'The presture of the

Martin-'Martin occupies a better-then-everage position in the

North American - "Althourt > Republic-" . Roundany out of PRIVATE FLYING

New Lightplane Radio Equipment Will Embody Many Advantages

Forthcoming sees will provide better communications with hadore weight and lower must one firm has one-parkner 50want transmitter for use at small airports

\$ The Lear PXer, a transcerve

With an AML loop the set can be

inscribence with which pilot and

By ALEXANDER MISSIRELY Personal aviation radio equin- pessengers our talk to each other, ment just come into production in The Bendix Phylonogist line manufacturers may be expected to News, Nov. 51 will be described

sen A new VHF transmitter is Typical of the new plane radio be replaced by a VHF return and crystals for the two VHF channels

and for mulitary regio, has taken the industry. James Biddle, for-



St. Petersburg, Flu., has added Paper Cubs to its other lines of merbusing free Cub sold in store. Herry Playford, Piper distributor, in

Key: "Fer store conty is not correct starts policies analysis EPT wheat

profits tex crude or (2) not operating losses "Market so of December 17, 1945

22 --- FINANCIAL

te-talk button on microphone; an-

tenes, for planes not equipped a receiver, and a two-way radio. and a hand or foot resoluto-to-talk queezy without changing the

Sevential usus developed for the ground equipment to VHF by

3 Crashes Blamed On Misjudgment

world probate character and tries Co., Tulare, Colif., is sole Summaries of the mightpe and orn Idaho His corecasy has EL PAGO TEL. Commercial Pdet Exercised Justice Service of Arts State 14,500

CAR PINENC Probably many of the a dated was standard and a single facili-special. The plants and sellinger with a country of the plants and selling with a

COOK Probable rapes of the a federa to complete represented a measurer toppic of a critical a Probable contribution factor

dret to the ground and of control CAR FINISH'S Probable cases of the accelerate was failed and the stream makes realess which treated the strengt puriod, acceptable A controlled forms we applying of methods theirs makes were

Packaged' Instruction A \$283 "narkored" provide pr-

Inspection Backlog To Be Broken Soon

CAA appointment of 2,000 agents from industry expected to bring early relief in cestifica-

2.000 recrufactoring meneralism

appeaved reper station operators. repair, without requiring the services of a CAA inspector. The by CAA, "a number teo small to adequate for the more than 190,000

The manufacturing inspection representatives will be negatifated

AVIATION NEWS . December 31, 1965

New Personal Plane

North American Aviation's is reported without company confirmation that the blane will have a \$60-mile range

F Lord Heavy-Barden of new sirnumber of CAA inspectors as duction. In addition meny new The new procedure will give some advantage to the established

indicating that facilities, materials and quality central methods fal-

plete inspection details as seen as the plane is fixished, without



NOVEL HANGAR: One novel polishion to the personal plane hanger problem is the "Biliper T-honer" denoy of the Airport Facilities Co., Chicago, The streammanufacturer must carry an in- sport as shown in the sheeth. The tune sections of the hanger travel or dividually nurshered aureuritiments ballbearing filter wheels worms out to a point where the committee out

additional branch officer in Port-

Pent-Up Interest Cited By Wright

in personal aviation is evidenced 51,400 in 1044, and only 20,000 in 1809 the last normal pre-war year. ation is on the threshold of a tremendous expansion were made public in the year-end review of opments made by Covil Arre-Manufacture - Manufacturers of CAA they have orders for 40,000 planes as against 6,844 in 1941.

(he best production year proviously for civil aircraft The numyamped from \$2,000 to \$6,000 in

Advisory Committee for CAA. feeting the private pilet, includh Progress of the fostering of acre

establishment of aviation overses in thousands of elementary and tered No further reporting is re-



PILGRIMAGE TO REPUBLIC:

Turesty-five Michigan distributors and dealers, and purchasers of Republic four-place Seable amphibiant, recently made an serial "sheppusy tour" to the Farmingdale, L. I., plant to inspect the production of the Seabeen note petting started. The group is shown above in front of one of the five Cesses in which they made the trip, together with a group of Republic afficials.

high acheels, including flight on-New Lockheed of the schools, providing an avernot of four hours flight instruc-

sends of discharged Army and

sunner of civil print certaficates.

end in tuying booklets explain-

Canada Separates

Medical Set-Up

Lockhood Assessft Corp. 15 to the very slow-flying onetested on the Moure Depert

Plans to appoint a medical ofsured until leaving Canada when visiting permit is surrendered at port of exit. Previously, a vasting every customs pert on its route. Department of Transport, are rethe Decumen where customs ofproded as a victory for all types The reparation has been advo-

tion officers are within reasonable port and ladustries Association. distance While the 10-day polar and has been pointed up by compotification of arrival at Canadian plaints of some veteran bush reuly with ECAF medical regula-

National Flying Farmers

at Stillwater, Okla., recently as immediately, and extending the New officers are Gene McGill. secretary-treasurer Mrs Todd

the Oklahoma Flying Parmers rectors are left vacant to be filled

F Convention-The streets on will in Stillwater the first week in AVIATION NEWS . December 31, 1945



Stone on the purious router to

Wiggins Airways Offices

flight, will be awarded each month, to members of the Massachusette Civil Air Potrol, by Wiccore seph Garside, president of Wargens, seed the schulsrables would be given once a month for an unthe work CAP is doing to develop

Lt. Col. John E. Shonnett, stafe CAP ware commander, and the CAP officers Fhehts will be in Paper Chib trainers.

City Council to Oppose Gearhart, Ore., Field Protest arguest proposed opera-

course property at Gearhart, Ore, adjacent to a beach and will menace public andety. Jens Lerbeck. of Secrete, has proposed to pur-Avery prior Gearbart officials are servered of an armork with a 1.400-ft, number near the north

Briefing For Private Floring

Foundably of buying the trum kittle Culver-built PQ14 target planes apace, and were powered with 150-bp. Franklin engines, essentially considerable change, and how many of them might be declared surplus tribution of wought which could only be met as great expense, but the willing to pay the operating cost of the 150 hr engine

SATETY IN PLANE DESIGN-Absents Owners and Pilots Association speaks out in a recent bulletin to its membership about "What decies. Admitting many manufacturers are moving toward improved solete in future decises the bulletin calls for inscredints action on planes now in production specifically to improve cockpit visibility and to relaissing injury possibilities within the cockpit in the event of forced landing. Quoting inversage statistics that three out of every 14 airplages are involved in some sort of accident each year, AOPA declares that "the first step toward real safety in flying, we believe, is for all magafacturers to build safety into their sirplanes." The bulletin surcents employment of a safety expert by the personal plane manufacturer, to aid in plane desire, 1,000TH POST-WAR CUB-Perry Pilot William T. Piper, Sr., 44, who

also huppers to be president of Piper Arrendt Corp., Lock Haven, by his wife, to deliver a new plane to Wallace Aircraft Co . Mismi, Fla The plane, the Leeth post-war built Piper Cub Special, here registrution No NCSTTEE, which Prove believes is the hishest NC number we rough. Incidentally the plane was the 16,000th Cub to be built sense 1909, a production record certainly appropriated by any other light-COLUMBUS BASE FOR PARKS-Oliver Parks' Aircraft Sales &

Service arrangization has arranged to lease a large honour at Part Columber, numbried already for Columbus, Ohia, as seen as it is vacated by the Navy and will get up another in its chain of five operations in midreeriera states. Accommodations will include: plane storage in a heated hanger 120 by 160 ft, all grades of fuel, dally mechanical service from 5 a.m. to 5 p.m., and fuel, all and hangar service 24 hours a day. Shops, displey room and plane storage will be arranged in the main house, with recreation rooms, issuage and offices in adjoining structures. Other Perks operations are at East St. Louis, III., Chicago, Indianapolis, and Kassas City.

Cubs, to include a line of flight clothing aviation books, ravigation equipment and plane accessories. Airport operators may take notice of the merchandurar of aviation accessories, and related organization

SKYWAYS INN-At Tiffin, Olso, sirport, John Harrisson has sunumered spering of Skyways Inc., providing meak and rooms at the signort for cross-country pilets who do not wish to leave the field. Ectablishment of small inno or tourist eables facilities in remarked by swintion research experts as a valuable sideline revenue for any sirport

TRANSPORT

ATA Polishing Up Strong Brief On Air Policy for Congress

Delineation of association's stand outlines reasons for specialland federal supervisory agency and retention of barriers to surface carrier participation.

The ablitude stand for contin- growth of new forces of transthat between like types of carriers presented strengty in a delimination with the same technology. coordination of their service, and ATA sees interretion as a poor the forerunner to possible revisizes in Pederal transportation low b Overseas Transport... The surbress transport under its own reculaterminated the Cred American ties Board-is as good new as it was then. One sutbority, it feels,

The position is stated in ICC's

The Interests Commerce Com- by lend or water within the U.S. Furthermore, the Covil Aeromarre Committee on Sen McCar-Line" hall. McCurren's first measure for a corresponity II. 9 > Conxect - We see no close

in all transportation. They say then a regulatory arracy. The powers restriction in the Civil Considerable attention in the

cented by the benefits to the pub-A Eleanologue On the coastorn of sidine financing, ATA points out agement of private capital investfor changes in the Civil Aero-

comparison are allowed to angage out matter, and ATA is honeful ICC Opposes McCarran Bill Proposal

> the (M-Carron) bill would sive whether the public interest would be served

Contract Data Sought

CAB should be suffering in-Attention was called to thus phase of air transport in the

mate the possibility of multiple

Page Airways Given O.K. by Examiner

Exemple William P Cauck

person clarge or CAN's rate-

AVIATION NEWS . December 31, 1945

TACA'S COLOMBIAN HEADOUARTERS: This building at Roose is headquarters for TACA de Colombia, taking many that Page Sight departures were arregular. By possition out

mended that the Board And their

New Mexican Line Ser To Commence Service Financed by Alberto R Pani son of Mesoco's former minister carn Affairs the southern re-

According to Alvin P Adams AIM, moval service will be be-

to fly from Messes City via ones, with a sone line from



CAB Review Stresses

International Flying New emphasis on the internatrates by Administrator T. P. Both technical and policy mat-4.993.000 in 1944 to 7.700.000 in 1945, corepared with 1,876,600 in CAA technicians on surplus miltory nisnes that the sirting can use on over-ocean flights, and

formly high standard," through > Schedule-On schedule for ex-

and Rio de Janeuro and establishment of offices at Stockholm, Mad- heard, a past which will be oc-Approach control for matrament bridings, agreement with the nir-

ines to place direction-finding equipment at hey sirports pending completion of VEF ranger and instrument landing protogra, and ex-

FERNOMIAN - Wright's review pointed out that the airlines had prierred some 500 new transport

C.E. Woolman Named President of Delta

Delta has a new president and new name as the result of action lett Everman ("C. E.") Woolman. depty. The directors also created

A widely known aviation firens. mercial similane crop dustine comceny in 1925 at Monroe, Le In-1929 he organized Delta Air Servpertinents with rader for civil use use to corry management from Dallas

were listed among technical nd- to Jackson and later Harmontham

(in Democtic Occuptions)

PASSENGERS CARRIED BY U.S. AIRLINES



and Atlanta. The company, of

which a corp dusting department still is an important unit, reornanzged as Delta Air Corp. in 1906. provident and superal manager. se it did in all of 1916. On Dec. 1.350-mile route from Marri to Chicago, Company sasets are \$5,-000,000 where in 1935 they were \$125,000. Employees have grown from 60 a decade ago to 1,500.

Great Expansion Of Services Due

1946 if present plans of seward added Dec 24 and a sevenththe maximum allowed weekly under the agreement with the

United Kinedom-edded Dec. 16. Macilla Service-Resumption of

service to Manula by February. AVIATION NEWS a December 31, 1965

Air Propenser Traffic Forecast: Graph shours that Cond Agromagier

Harobilu to Midway to Wake to ment that effective Jan 1, new

Fig. and Mosmi, Tampa, Jackson-

Manuschile DCA and TWA Passenger Handling

Speeded By United

dight check-in First tried at

~~~~ von completed its 5092 At-

tiple check-in operation at termsnale permits presented to report at any counter for any flight. The at time for departure. United energy is also checked in by rem-Late Seating - "Go-shows" can

record, manifest for revenue aceed. When the day ends, cards for all fights are maded to the line's central accounting office at Cincage. Accounting records are comploted in 10 days after the end of \$ Year-end States-Coop awalting the worth, instead of up to three

Area Route Cases Yet To Be Decided CAR serven on recommendations

With none of the 11 area reads bant Decisions in those regional casts are awaited with keen interest for dasclesure of Bourd certificate a number of feederlines ciently successful to warrant per-

transport system of a relatively be substituted for "no-shown" easi- b Combination - Also of interest unit he CAR'S documen in the West Complexity of the area cases is applicable, proposing service to desirant one West Coast Reals Mountain, and Florida, awaiting



THE "CONNIE" AND THE CAP To show the size of the Constellations it will use on its international

topo-ciare ship is used by a CAP assadron that has classroom space in a TWA office building. The Lockheed con sarry 47 passenary in secon



No believe Vibrasheck will solve your efection BORINSON AVIATION, INC. Triesbur Alle Trombel, Days. Alle t. Suppliers New Jones. 1117 Williams 1970., Let 3-1802: 3, Cappenna.

Yes, it's true...and there's a good reason why

EVERYWHERE YOU LOOK YOU SEE Sensenich

> RIGHT ON THE NOSE OF SUID ASTER SUID

SENSENICH BROTHERS

notian, approval was given this tune on the grounds that cavian Oakland, now should be ex-

mers' reports - North Central ing assumed for Jan 28-Middle Signal Corps to Continue Research on "Soheries" The War Department's "Soher-

oral segument assigned for Jan-

execution of the location of far-Of interest to airline metagrato-

Srandard Oil Again Blocks

Richmond, Calif., Airport

Establishment of an airport at

a Refuse the war, the Richmond

serted weether obsertions. Hose,

ment on the Richmond Montrey

mated \$15,000 to \$15,000 a year, service. The tower's peak load was last August, when 13,406

1944 the tower has been oner-

Knowville Tower Expected

Increasing air traffic at Knox-

ville, Tenn. Manicipal Airport

soon is expected to require 24-hr

operation of the traffic control

tower there, hotherto in service 14

The three interstets carriers

and PCA-sphedule 42 flights

To Go On 24-Hr. Basis

of Airport Surplus Property Birbesned's Board of Super-

Steen preliminary to possibilities fake Auroort were taken at a beint

AVIATION NEWS . December 31, 1965

equipment, Cartist-Wright Corp.

. Checup & Southern's board of . Pan American, thisting sugges-. TWA has filed with CAR a torid ment effective Jun 1 . . . TWA

tel, Cheyenne, Wyo, to hapdle the About 31,516,000 are mad letters

specially decorated its airliners. town taket office in the Plane Ho-

CAB ACTION

 Greated Enters Air Liam presistes to here Oblindon S C. on Zan h. through familipses throaty Alsoni (Cokadas Armo Are Eard) memoral, st applicate' reprote speli-tifires of Northeast Alabasa (Boderi Hill) and Joseph Walker Care (Bolksh 1972 and CAB SCHEDULE

Jan. S. Drobungs of exhibity in Associat Exactly S. A. temperatury foreign also men-try pointed uses 1 Double 2017 | Jan. L. Kreeling in Prin Associated Alprayal (pure-Albertia rests Sacrelanesia asso-

No. 6. Findings and remain or Emplify Alle-ward application to constitute AM 5, AM 50, and AM 50 and FMA to specification to constitute AM 2 and AM 44. (Onchose 

en ultimata mina deve tret in Am in Jan 1. Grei in symmett in Free Englissel man (Endagl 2D et Al.)

Stan 18 Herrag in Ammonia And man men-den in Herrag in Ammonia And man men-jula 15 Explorate of endaglis in Type Ameri-iana Alexandrated of in Free Ameri-man Alexandrated of in Free Ameri-men Alexandrated of Addition in Test Ameri-Section of the second section of the section of the second section of the section of the second section of the second section of the Jan I. Eschange el relibito le Escosa Cap-Mengini-Provide (sea: Fraigness) Dis-don e (Indee) Idi et al.; Jen D. Emetay in Nik Crailinesi Lancian Scoppe non. Headed 1993. Jan H. Frederings el regione in Ariena Accesso para les descondin el Tarichi Carrieri para les acceptios el Tarichi Jee 25. Eucliague of exhibits in Dannette. All Toward Plan case, Frequent from Dec

The American Commence of the C H. Bearing in Arisona Aleways' man for socialistics of TWA's AW SE. (Dodo) 16. Equipment of exhibits in Factor-Size

Met. Il. Serving in Bestre-New York-Adjusts-New Orlean care (Series 118

Casters and E-Z Roll Wheels will Choded 2N1 et al.

(B) Erchange of exhibits in Fen Anson-cian Alvano specialists for describ-teration (Figure 1991)

(B) Berging in Undersal Ale Town The sain, Forgunal Free Day II Charles and Forgunal Free Day II save money and increase efficiency (Bellet Sig et al.)

IL Kenfing on All American Arbeiton detection committee of control of Spain control at Automatic Advances (Spain Control of Spain control at Automatic Auto

WANTER MICHANICAL DEAFTSMEN

CHECKERS DESIGNERS

GAS TURBINES

INTERNAL COMBUSTION AIRCRAFT POWER PLANTS Experience Include detailed description of

Address Eather To

ENGINEERING DEPARTMENT C's Estimates Office Supercare

PRATT & WHITNEY AIRCRAFT EAST NATIFORD & CONNECTICUT

Let us demon strate how Darnell

DARNELL CORP LTD

## The Vital Need For Air Marking

to support an emperation of safe veryote figure, at will not be enough to obtain some plified regulations, better aircraft, more airports, and the other things on which sovernment and industry have been lavishing most

When seasoned and skilled private fivers in a radio-scupped plane can become lost, as has happened, there is a demonstrable need for ing-the lettering of mels of buildings with the names of towns and the direction of the distance to the peered acrosst In the face of that need, here is the present

For understandable reasons, air markers were obliterated or permitted to become unrecognizable wisen this country went to way. Al-CAA now has reports on only 500 are markers in the entire country:

The only state with an official organized prostrate is Connecticut, vet it has only 37 markers: The best marked state is North Carolina.

Few other states, among which are Alabama and Pennsylvania, soom to be showing any great interest in our marking programs; The CAP is, and for sometime has been, the most active organization in pushing air markone programs, with large petroloum compawith the CAP:

CAA, the promountain charged by law with promoting aviation-and safety in aviationhas an air marking section which concerts of Mrs. Blanche Noves and one sastatent, and no

nast orded for funds for air marking activities. and been refused. CAA's belief, for which a good case might be made, is that air marking should be a cooperatively financed program of the federal government and the states, such as it proposes to do with apports. With that in view, CAA in its budget estimates for the Secol year 1947 recreated \$570,155 for are

\$25,000 which, if approved by Concress will enable CAA to mark the roofs of some of sta own radio buildings.

Despite that basic conflict in views-which should, however, be resolved in public debate in Congress and not in private sessions between CAA and Budget Bureau officials-there seems are a vital need in private flying. It would seem pertinent to surrest that government, the industry, and private flying organizations give more consideration to plans to fulfil that need. Mrs. Noyes has done a magnificent 10b, which

Most of her time is ment flying about the country, enlitting the aid of governors, state commussions, cryic organizations and others-to many of which she has to explain air markers

But neither Mrs. Noyes, the CAP, the cel compazzes, nor a few states can do the 30b unarded. funds to launch the nation-wide campaign it will have to be done in the states. Thus is an enterprise well worthy of intensified attention of axiation organizations with community



## Flight 5 and the helpful ahost Shrapded in heavy for, darkness and a besting rain-most flights executed



285 Wast Colorado Busierard

Pasedene, Celifornia

needed for safety margin. Flight 5-a short of whiteh super word

palot reaction together amount to

It's m the factual booklet, "Report

1500 feet. Suddealy the law stone years

sharply-with ArroJet take-off mon-

THE POWER OF THE FUTUR

ARROJET ENGINEERING CORPORATION . AFFILIATE OF THE GENERAL TIRE & RUBBER CO.



Airline Maintenance Manager, or maybe the title on the door reads Purchasing Agent . . . File cases full of parts catalogs, specification sheets, price lists. Plenty of help to do the detail, rap out requisitions and reply to yours of recent date . . . Supply must be a cinch when you have a high ranking How-To-Get-It-Man in charge!

Well now, want to know something? The boy at the big desk for the airline usually says "Air Associates" when he wants something fast—lets us do his worrying, finding and forwarding. Saves time, money and overhead doing business with AA... And if we can give satisfaction and service on airline wants, what are you worrying about?

# ONE SOURCE

Air Associates has everything, or knows where to get it. Five warehouses, strategically pin-pointed for service, are within a day's distance from most parts of the U.S. Teletype tie-up assembles your order quickly from the nearest stock bin or manufacturer. Orders are filled fast, shipped fast. One order can cover all current needs. One invoice saves office work and overhead. Airline or service operator, big order or little, gets the same priority, service, speed. Skip the grief and get the breaks—by doing business with...

# AIR ASSOCIATES

... suppliers to the industry since 1927
... engineers and manufacturers of aircraft specialities
... TETERBORO, N. J. Branches—Atlanta, Chicago, Dallas, Los Angeles